THIS PAGE IS INSERTED BY OIPE SCANNING AND IS NOT PART OF THE OFFICIAL RECORD

Best Available Images

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

BLACK BORDERS

TEXT CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT

BLURRY OR ILLEGIBLE TEXT

SKEWED/SLANTED IMAGES

COLORED PHOTOS HAVE BEEN RENDERED INTO BLACK AND WHITE

VERY DARK BLACK AND WHITE PHOTOS

UNDECIPHERABLE GRAY SCALE DOCUMENTS

IMAGES ARE THE BEST AVAILABLE COPY. AS RESCANNING WILL NOT CORRECT IMAGES, PLEASE DO NOT REPORT THE IMAGES TO THE PROBLEM IMAGE BOX.

SPECIAL EDITION 3/1999

TRANSLATION FROM ITALIAN

[Only entries with answers translated; answers are in bold face.]

MINISTRY OF INDUSTRY, COMMERCE AND CRAFTS ITALIAN OFFICE OF PATENTS AND TRADEMARKS [IOPT]- ROME

[Documentary stamp canceled by date]

PATENT APPLICATION FOR INDUSTRIAL INVENTION. RESERVATION FILING, ADVANCE ACCESSIBILITY TO THE PUBLIC [remainder illegible]

A. APPLICANT (I)

1) Name:

COLORIFICIO ADRIATICO

NG: SR

Domicile:

61030 LUCREZIA (PS), VIA PILONE 86

Code: 00150130417

B. AGENT OF THE APPLICANT AT THE IOPT

Olven and family names:

GIANLUCA BENEDETTI

Tax code: BNDGLC54H06L5000

Name of office with which affiliated: Via BRUNO BUOZZI No. 63 UFFICIO BREVETTI PEDRINI E BENEDETTI City: PESARO, Postal Code: 61100, Province: PS

D. TITLE
METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

APPENDED DOCUMENTATION

No. of copies

 Doc. 1
 2
 No. of pages
 12 [Hegible]

 Doc. 2
 2
 No. of figs.
 01 [Hegible]

 Doc. 3
 1
 [Hegible]

 Doc. 4
 1
 [Hegible]

8) Certificate of payment, total in Lire: THREE HUNDRED AND SIXTY-FIVE THOUSAND

Signature of Applicant: per GIAN

per GIANLUCA BENEDETTI

[Signature]

CONTINUATION - YES/NO:

NO

AN AUTHENTICATED COPY OF THIS DOCUMENT IS REQUESTED: YES/NO YES

PROVINCIAL OFFICE OF INDUSTRY, COMMERCE AND CRAFTS: PESARO AND URBINO

CODE: 41

FILING RECORD – APPLICATION NUMBER
The year Nineteen Hundred and NINETY-EIGHT on Day TWENTY-THREE of the month of FEBRUARY

#1220 P.002

EH BEE BOLY

TAN. 15'2002 16:30 12156191667

VARIOUS ANNOTATIONS OF THE DRAFTING OFFICIAL

THE FILER
[Sgd.] G. Benedetti

[Seal of the Ministry]

Drafting Official [Illegible Signature]

NAME OF INVENTOR
[Mostly illegible article of the Law]

[Documentary stamp canceled by date]

Ref.:

The undersigned applicant:

- 1) COLORIFICIO ADRIATICO COMPANY
- 2) 61030 LUCREZIA (PS) VIA PILONE, 86

Code: 00150130417

Applicant for the above-mentioned patent of the title:

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

Designated as inventor:

PAOLO MARCHIONNI

Place and date:

Lucrezia 02/18/1998

Signature of applicant and agent

[Illegible]

CONSENT DECLARATION

The undersigned:

PAOLO MARCHIONNI

declares that he is the inventor of the invention subject of the above-mentioned patent application.

Lucrezia, 02/18/1998

Signature: [lilegible]

#1220 6:003

EH BEE BOLY

7001910111 06:01 2002.21.NAT

ROHM and HAAS—Method for the instant preparation of varnishes and paints [Italian] • 3

February 23, 1998

PS98A000005

[\$t#mp:]

PROVINCIAL OFFICE OF INDUSTRY, COMMERCE AND CRAFTS
PESARO AND URBINO
DRAFTING OFFICIAL
[Signature]

#1220 P.004

BH. BEB BOPA

79919192121 06:31 2002'21.MAG

SUMMARY OF INVENTION WITH PRINCIPAL DRAWING

APPLICATION NUMBER: PS98A000005

DATE FILED: February 23, 1998

PATENT NUMBER:

DATE ISSUED:

A. REQUESTER [illegible]

Name Domicile:

B. TITLE

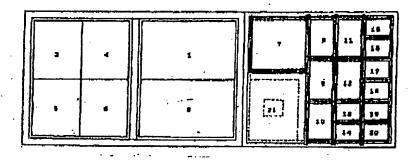
[Illegible]

I. ABSTRACT:

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS INCLUDING PREPARATION, WHEN REQUIRED, OF BASES FOR GUIDED DOSAGE OF THEIR RESPECTIVE COMPONENTS AND ADDITION OF DYES.

[Illegible]

II. DRAWING



DESCRIPTION

complementary to the application for a patent of industrial invention having as object and

TITLE

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

On behalf of the company known as <u>Colorificio Adriatico S. r. l.</u>, an Italian limited liability company, with head office in Lucrezia di Cartoceto, postal code 61030, Province of Pesaro, via Pilone No. 86, fiscal code 00150130417, in the person of their legal representative Mr. Paolo Marchionni;

- Mr. Paolo Marchionni, inventor designate, born in Fano, Province of Pesaro, on February 10, 1943, residing in Fano, postal code 61032, Province of Pesaro, Via Caprera No. 14, fiscal code MRC PLA 43B10 D488I;
- through their agent Gianluca Benedetti, attorney in Pesaro, with elected domicile in 61100
 Pesaro at Via Bruno Buozzi No. 63, care of the Ufficio Brevetti Pedrini & Benedetti.

Registered on February 23, 1998 under No.

SUMMARY

 Method for the instant preparation of varnishes and paints including, when required, bases for guided dosage of their respective components and addition of dyes.

DETAILED DESCRIPTION

Scope of technology

- Already known in the retail sale of vamishes, paints, and the like is the technology for preparing, when required, tints and color shades requested by the customer, by mixing appropriate quantities of color bases as indicated by the Pantone system, which visually identify the color contingently desired and combine the doses required to obtain same:

 this technology provides retailers with a wide range of products without burdening their storage facilities, resulting in benefits in terms of reduced inventory, space and anything else intuitive.

Identifying a specific technical problem

- However, the known technology identified alleviates only the burden on the retailer's warehouse since "bases" for varnishes and paints, intended as the substances and amalgams chromatically neutral or less diversified as to chemical and/or physical distinctive features and/or as to dosage of components, which serve to give the product all the additional characteristics and specificities of application, as well as subsequent surface appearance with respect to chromaticity, still remain a relatively considerable plurality, as a result of which a retailer is forced to keep an appropriate inventory of all "bases", each in the relative multiplicity of different packaging for quantity use.

Purpose of the invention

- Therefore, the main objective of this invention, within the above-mentioned scope, is to provide a technology designed to further limit the need for stock assortment where paint and varnish retailers are concerned.
- Another objective of this invention is to accomplish the previous objective through a technology of easy and quick implementation.
- One more objective of this invention is to accomplish the previous objectives through a suitable technology to be adopted in as wide as possible a field of application, as well as to be compatible with the polyvalence and modularity requirements that are increasingly in force in the specific sector.
- -. A further objective of this invention is to achieve the previous objectives through devices that are easy to implement.
- A further objective of this invention is to achieve the previous objectives through a technology that is both simple and effective, safe to implement, as well as relatively cost-effective in consideration of the results obtained in practice.

Abstract of the solution principle

- These as well as still other objectives, not all of them achieved through the method for the instant preparation of varnishes and paints, according to this invention, including the preparation of bases, when required, for guided dosage of their respective components and addition of dyes.

Identifying the attached drawings

- Other features and advantages of the method according to this invention will be more apparent from the following detailed description of one of its forms of preferred but not exclusive embodiments, referred to only by way of example and not limited to a device of relevant implementation schematically shown in the only table of drawings attached hereto.

Description of the implementation example

- The method according to this invention envisages, in lieu of acquisition and storage by retailers of bases for paints and varnishes prepared in advance, in a relatively considerable variety rfor different grades and features; as well as, within these, a selection of packaging for different amounts, the preparation of bases by the retailers themselves;
- retailers are provided, if needed, with the basic components of bases, and their additives, in the reduced plurality whose differential combination and dosage will produce essentially all the bases of usual use and commercial availability, or a greater part of them?
- retailers are also provided with a handbook for formulating, dosing, and mixing the components supplied and their additives in order to obtain the basic preparations used in formulating paints and varnishes;
- to these bases, thus contingently prepared as needed, can later be added the colors to obtain the tints and shades required, as per Pantone instructions.
- The method just described can be implemented through the device shown by way of example in the sole attached table of drawings:
- which illustrates, in extreme schematic outline, the plan of a sales counter, on one side of which the sales personnel operate, with the customers on the other side;
- the counter includes altogether twenty containers or tanks which can be conceptually subdivided into two groups, the first six containing bases and the remaining fourteen containing additives and coloring pastes, in greater detail;
- numbers 1 and 2 indicate two containers or tanks of larger size, preferably made of fiberglass,

designed to contain basic components of more frequent and wider use, as for example !meutral : smooth base" and "neutral quartz base";

- numbers 3 to 6, then, indicate four containers or tanks of smaller sizes, designed to contain as many other basic components, as for example "extender filler", "transparent acrylic resin", ["acrylic styrene resin" and "vinyl versatate";
- proceeding to the second group of containers, number 7 indicates the largest container or tank of this group, designed to contain the basic color of widest use, that is "white color paste":
- in addition, numbers 8 to 12 indicate four other containers or tanks of smaller sizes, the first designed to contain the first other basic color of widespread use, that is "yellow ochre color paste" and the other four to contain additives, e.g. "silicate", "CR SB solution", "lime" and "siloxane additive";
- numbers 13 to 20 finally indicate the last eight containers or tanks of still smaller size, designed to contain other basic colors, for example "red color paste", "blue color paste", "orange color paste", "red titanate color paste", "yellow color paste", "black color paste", "yellow titanate color paste", and "green color paste".
- The structure then is completed by a dispensing head, schematically illustrated and indicated by 21, to be intended as equipped with a metering device connected to pipes drawing through their respective pumps in each of the containers or tanks numbered 1 to 20.

Implementation alternatives

- It is obvious that in other alternative forms of implementation but always within the concept of innovation subsumed under the example of implementation shown above and claimed hereunder, the method according to this invention may also be implemented with various and/or other basic components and coloring and additive agents, as well as materialized in devices including technical and mechanical equivalents, also equipped with other integrative devices and with configurations of their respective components however varied in a manner suitable for the purpose.

Advantages of the invention

- As is obvious from the preceding detailed description of a preferred example of implementation, the method according to this invention offers such advantages as correspond to the achievement of the predetermined objectives and still others: as a matter of fact, it integrates

a feasible technology of simple implementation to drastically contain the need for assortment of the inventory held by retailers of varnishes, paints, and the like.

CLAIMS

- Method of preparation of varnishes, paints and the like, characterized by the fact of including preparation, when required, of bases for guided dosage of their respective components and addition of dyes.
- 2) Method according to the first claim, characterized by the fact of including formulation on the part of retailers of mixtures and amalgams chromatically neutral or less diversified as to chemical and/or physical distinctive features, and/or of dosage of components apt to confer on the varnishes, paints and the like all the other characteristics and specificities of application and subsequent surface appearance with respect to chromaticity, by means of a handbook for combining, dosing, and mixing said components and their respective additives, as well as subsequent coloring to obtain the tints and shades in accordance with the Pantone instructions.
- Method according to the preceding claims, characterized by the fact of being implemented with basic components, coloring and addition of additives of any type in any assortment whatsoever.
- 4) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench equipped with tanks for the basic components and colors, as well as facilities for their corresponding dosage and mixing.
- 5) Method according to the preceding claims, characterized by the fact of being implemented by means of a sales mixing bench equipped with a variety of containers and tanks, and by metering means connected to pipes and pumps combined with said containers and tanks.
- 6) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench that is structured and sized suitably for the purpose.
- 7) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench including containers and tanks that are quantified, structured, and also reciprocally sized suitably for the purpose.
- 8) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench, including containers and tanks made of any material suitable for the purpose.

ROHM and HAAS-Method for the instant preparation of varnishes and points [Italian] • 12

9) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench with metering dispensing means connected to pipes and pumps combined with containers and tanks of any type whatsoever suitable for the purpose and structured accordingly.

10) Method for the preparation of varnishes, paints and the like according to the preceding claims and substantially as described and illustrated with reference to the attached table of drawings as well as for the specified purposes.

p.p. Colorificio Adriatico s.r.l.

The Agent

Attorney Gianluca Benedetti

February 23, 1998

#1550 P.012

ин ьев вогх

7AN.15'2002 16:32 1215619166

1/3/1 DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat (c) 2002 EPO. All rts. reserv.

14937928
Basic Patent (No,Kind,Date): IT 98610005 A0 980223 <No. of Patents: 002>
METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE (Italian)
Patent Assignee: COLORIFICIO ADRIATICO (IT)
Author (Inventor): ANONIMO ANONIMO
Language of Document: Italian
Patent Family:
Patent No Kind Date Applic No Kind Date
IT 98610005 A0 980223 IT 98PS 5 A 980223 (BASIC)
IT 98610005 A1 990823 IT 98PS 5 A 980223
Priority Data (No,Kind,Date):
IT 98PS 5 A 980223

MINISTRY OF INDUSTRY, COMMERCE AND CRAFTS Central Patent and Trademark Office [CPO] - Rome

FORM 0

[Documentary stamp, canceled by illegible date]

Application for Patent of Industrial Invention, reservation filing, and deferred accessibility to the public.

A. APPLICANT (I)

1) Name:

COLORIFICIO ADRIATICO

Residence:

61030 LUCREZIA (PS), Via Pilone 86

Code: 00150130417

B. AGENT OF THE APPLICANT AT THE CPO.

Given and family name: Gianluca Benedetti

Name of office with which affiliated: Via Bruno Buozzi No. 63

UFICIO BREVETTI PEDRINI & BENEDETTI

· City: PESARO, Postal Code: 61100, Province: PS

D. TITLE

METHOD FOR INSTANTANEOUS PREPARATION OF VARNISHES AND PAINTS

APPENDED DOCUMENTATION

No. of copies

Doc. 1 2 No. of pages 12 Doc. 2 2 No. of figs. 01 Doc. 3 1

Certificate of payment, total in Lire: THREE HUNDRED SIXTY-FIVE THOUSAND

Signature of Applicant: GIANLUCA BENEDETTI [Signature]

CONTINUATION - YES/NO:

An authenticated copy of this document is requested: YES/NO

PROVINCIAL OFFICE OF INDUSTRY, COMMERCE AND CRAFTS: PESARO AND URBINO Code: 41 FILING RECORD - APPLICATION NUMBER PS98A000005 In the year Nineteen Hundred NINETY-EIGHT on Day TWENTY-THREE of the month of FEBRUARY.

THE FILER

[Seal of the Ministry]

[Illegible Signature]

Drafting Official

Rohm and Haas—Pat. PS98A000005: Instantaneous Preparation of Varnishes and Paints [Italian] • 2

PS98A000005

•UFFICIO BREVETTI
PEDRINI & NEBEDETTI
Patent Attorneys
[Remainder of letterhead not legible]

DESCRIPTION

in support of the application for a patent of industrial invention having the object and

TITLE

METHOD OF INSTANTANEOUS PREPARATION OF VARNISHES AND PAINTS

On behalf of the firm <u>Colorificio Adriatico S.r.I.</u>, a limited liability company under Italian law, with central offices at Via Pilone No. 86, 61030 Lucrezia di Cartoceto, Province of Pesaro, Tax Code 00150130417, in the person of its legal representative, Mr. Paolo Marchionni;

- designated inventor: Mr. Paolo Marchionni, born in Fano, Province of Pesaro, on 10 February 1943, and residing at Via Caprara No. 14, Tax Code MRC PLA 43B10 D488I;
- through his attorney, Gianluca Benedetti, Counselor at Law in Pesaro, with domicile elected at Via Bruno Buozzi No. 63, 61100 Pesaro, at the offices of Pedrini & Benedetti, Patent Attorneys.

Filed on February 23, 1998, under No.

ABSTRACT

 Method for the instantaneous preparation of varnishes and paints including the preparation as needed of the bases for guided dosing [batching] of the relevant components and the addition of dyes.

CLAIMS

- Method of preparation of varnishes, paints and the like, characterized by the fact that it includes as needed preparation of the bases for the guided dosing [batching] of the relevant components and the addition of dyes.
- 2) Method according to the first claim, characterized by the fact that it includes the constitution on the part of the retailer of mixtures and amalgams that are chromatically neutral or less diversified in terms of chemical and/or physical and/or dosing [batching] distinctive features of the components suitable for conferring on the varnishes and paints and the like all the characteristics and specificity of application and ensuing chromatic surface appearance by means of a handbook of combinations, dosages [batchings] and mixtures of the said constituents and relevant additives and the subsequent coloration to achieve tints and shades in accordance with the pantone instructions.
- 3) Method according to the foregoing claims, characterized by the fact that it is put into effect with base, coloring and additive components of any type in any desired assortment.
- 4) Method in accordance with the foregoing claims, characterized by the fact that it is put into effect by means of a mixing bench equipped with reservoirs for the components of the bases and colors as well as means for their dosage [batching] and mixing.

On drawing: TAVOLA = Table FIGURA = Figure





Moisture resistant and mould resistant aqueous paint - NoAbstract Patent Assignee: COLORIFICIO ADRIATICO SRL

Patent Family

Patent Number	Kind Da	te Application Number	. Kind	Date	Main IPC	Week Type
IT 1274205 I	3 19970	0715 IT 94PS3	A	19940304	C04B- 000/00	199819 B

Priority Applications (Number Kind Date): IT 94PS3 A (19940304)

Derwent World Patents Index © 2000 Derwent Information Ltd. All rights reserved. Dialog® File Number 351 Accession Number 11793091



Polymeric paving slabs prodn. - NoAbstract Patent Assignee: COLORIFICIO ADRIATICO SRL

Patent Family

Patent Number	Kinc	Date	Application	Number Kind	Date	Main IPC	Week Type
IT 1225393	В	19901113	IT 8844029	A	19881024	C08H	199224 B

Priority Applications (Number Kind Date): IT 8844029 A (19881024)

Derwent World Patents Index © 2000 Derwent Information Ltd. All rights reserved. Dialog® File Number 351 Accession Number 9067156

[Mostly illegible article of the Law]

[Documentary stamp canceled by date]

Ref.:

The undersigned applicant:

- 1) COLORIFICIO ADRIATICO COMPANY
- 2) 61030 LUCREZIA (PS) VIA PILONE, 86 Code: 00150130417

Applicant for the above-mentioned patent of the title:

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

Designated as inventor:

PAOLO MARCHIONNI

Place and date:

Lucrezia 02/18/1998

Signature of applicant and agent

[Illegible]

CONSENT DECLARATION

The undersigned:

PAOLO MARCHIONNI

declares that he is the inventor of the invention subject of the above-mentioned patent application.

Lucrezia, 02/18/1998

Signature: [illegible]

February 23, 1998

PS98A000005

[Stamp:]

PROVINCIAL OFFICE OF INDUSTRY, COMMERCE AND CRAFTS
PESARO AND URBINO
DRAFTING OFFICIAL
[Signature]

TRANSLATION FROM ITALIAN

[Only entries with answers translated; answers are in bold face.]

MINISTRY OF INDUSTRY, COMMERCE AND CRAFTS ITALIAN OFFICE OF PATENTS AND TRADEMARKS [IOPT]- ROME

[Documentary stamp canceled by date]

PATENT APPLICATION FOR INDUSTRIAL INVENTION. RESERVATION FILING, ADVANCE ACCESSIBILITY TO THE PUBLIC [remainder illegible]

A. APPLICANT (I)

1) Name:

COLORIFICIO ADRIATICO

NG: SR

Domicile:

61030 LUCREZIA (PS), VIA PILONE 86

Code: 00150130417

B. AGENT OF THE APPLICANT AT THE IOPT

Given and family names: GIANLUCA BENEDETTI

Tax code: BNDGLC54H06L5000

Via BRUNO BUOZZI No. 63

UFFICIO BREVETTI PEDRINI E BENEDETTI

City: PESARO, Postal Code: 61100, Province: PS

D. TITLE METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

APPENDED DOCUMENTATION

No. of copies

Doc. 1 Doc. 2 Doc. 3	2 2. 1	No. of pages No. of figs.	12 [illegible 01 [illegible fillegible
Doc. 3 Doc. 4	i		(illegible

8) Certificate of payment, total in Lire: THREE HUNDRED AND SIXTY-FIVE THOUSAND

per GIANLUCA BENEDETTI Signature of Applicant: [Signature]

CONTINUATION - YES/NO:

NO ·

AN AUTHENTICATED COPY OF THIS DOCUMENT IS REQUESTED: YES/NO YES

PROVINCIAL OFFICE OF INDUSTRY, COMMERCE AND CRAFTS: PESARO AND URBINO

CODE: 41

FILING RECORD - APPLICATION NUMBER PS98A000005 The year Nineteen Hundred and NINETY-EIGHT on Day TWENTY-THREE of the month of **FEBRUARY**

VARIOUS ANNOTATIONS OF THE DRAFTING OFFICIAL

THE FILER [Sgd.] G. Benedetti [Seal of the Ministry]

Drafting Official [Illegible Signature]

NAME OF INVENTOR

SUMMARY OF INVENTION WITH PRINCIPAL DRAWING

APPLICATION NUMBER: PS98A000005

DATE FILED: February 23, 1998

PATENT NUMBER:

DATE ISSUED:

A. REQUESTER [illegible]

Name Domicile:

B. TITLE

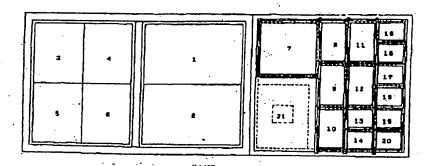
[Illegible]

I. ABSTRACT:

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS INCLUDING PREPARATION, WHEN REQUIRED, OF BASES FOR GUIDED DOSAGE OF THEIR RESPECTIVE COMPONENTS AND ADDITION OF DYES.

[Illegible]

II. DRAWING



DESCRIPTION

complementary to the application for a patent of industrial invention having as object and

TITLE

METHOD FOR THE INSTANT PREPARATION OF VARNISHES AND PAINTS

On behalf of the company known as <u>Colorificio Adriatico S. r. l.</u>, an Italian limited liability company, with head office in Lucrezia di Cartoceto, postal code 61030, Province of Pesaro, via Pilone No. 86, fiscal code 00150130417, in the person of their legal representative Mr. Paolo Marchionni;

- Mr. Paolo Marchionni, inventor designate, born in Fano, Province of Pesaro, on February 10, 1943, residing in Fano, postal code 61032, Province of Pesaro, Via Caprera No. 14, fiscal code MRC PLA 43B10 D488I;
- through their agent Gianluca Benedetti, attorney in Pesaro, with elected domicile in 61100 Pesaro at Via Bruno Buozzi No. 63, care of the Ufficio Brevetti Pedrini & Benedetti.

Registered on February 23, 1998 under No.

SUMMARY

- Method for the instant preparation of varnishes and paints including, when required, bases for guided dosage of their respective components and addition of dyes.

DETAILED DESCRIPTION

Scope of technology

- Already known in the retail sale of varnishes, paints, and the like is the technology for preparing, when required, tints and color shades requested by the customer, by mixing appropriate quantities of color bases as indicated by the Pantone system, which visually identify the color contingently desired and combine the doses required to obtain same;
- this technology provides retailers with a wide range of products without burdening their storage facilities, resulting in benefits in terms of reduced inventory, space and anything else intuitive.

Identifying a specific technical problem

- However, the known technology identified alleviates only the burden on the retailer's warehouse since "bases" for varnishes and paints, intended as the substances and amalgams chromatically neutral or less diversified as to chemical and/or physical distinctive features and/or as to dosage of components, which serve to give the product all the additional characteristics and specificities of application, as well as subsequent surface appearance with respect to chromaticity, still remain a relatively considerable plurality, as a result of which a retailer is forced to keep an appropriate inventory of all "bases", each in the relative multiplicity of different packaging for quantity use.

. Purpose of the invention

- Therefore, the main objective of this invention, within the above-mentioned scope, is to provide a technology designed to further limit the need for stock assortment where paint and varnish retailers are concerned.
- Another objective of this invention is to accomplish the previous objective through a technology of easy and quick implementation.
- One more objective of this invention is to accomplish the previous objectives through a suitable technology to be adopted in as wide as possible a field of application, as well as to be compatible with the polyvalence and modularity requirements that are increasingly in force in the specific sector.
- A further objective of this invention is to achieve the previous objectives through devices that are easy to implement.
- A further objective of this invention is to achieve the previous objectives through a technology that is both simple and effective, safe to implement, as well as relatively cost-effective in consideration of the results obtained in practice.

Abstract of the solution principle

- These as well as still other objectives, not all of them achieved through the method for the instant preparation of varnishes and paints, according to this invention, including the preparation of bases, when required, for guided dosage of their respective components and addition of dyes.

Identifying the attached drawings

- Other features and advantages of the method according to this invention will be more apparent from the following detailed description of one of its forms of preferred but not exclusive embodiments, referred to only by way of example and not limited to a device of relevant implementation schematically shown in the only table of drawings attached hereto.

Description of the implementation example

- The method according to this invention envisages, in lieu of acquisition and storage by retailers of bases for paints and varnishes prepared in advance, in a relatively considerable variety for different grades and features, as well as, within these, a selection of packaging for different amounts, the preparation of bases by the retailers themselves;
- retailers are provided, if needed, with the basic components of bases, and their additives, in the reduced plurality whose differential combination and dosage will produce essentially all the bases of usual use and commercial availability, or a greater part of them;
- retailers are also provided with a handbook for formulating, dosing, and mixing the components supplied and their additives in order to obtain the basic preparations used in formulating paints and varnishes;
- to these bases, thus contingently prepared as needed, can later be added the colors to obtain the tints and shades required, as per Pantone instructions.
- The method just described can be implemented through the device shown by way of example in the sole attached table of drawings:
- which illustrates, in extreme schematic outline, the plan of a sales counter, on one side of which the sales personnel operate, with the customers on the other side;
- the counter includes altogether twenty containers or tanks which can be conceptually subdivided into two groups, the first six containing bases and the remaining fourteen containing additives and coloring pastes, in greater detail;
- numbers 1 and 2 indicate two containers or tanks of larger size, preferably made of fiberglass, designed to contain basic components of more frequent and wider use, as for example "neutral smooth base" and "neutral quartz base";

- numbers 3 to 6, then, indicate four containers or tanks of smaller sizes, designed to contain as many other basic components, as for example "extender filler", "transparent acrylic resin", "acrylic styrene resin" and "vinyl versatate";
- proceeding to the second group of containers, number 7 indicates the largest container or tank of this group, designed to contain the basic color of widest use, that is "white color paste";
- in addition, numbers 8 to 12 indicate four other containers or tanks of smaller sizes, the first designed to contain the first other basic color of widespread use, that is "yellow ochre color paste" and the other four to contain additives, e.g. "silicate", "CR SB solution", "lime" and "siloxane additive";
- numbers 13 to 20 finally indicate the last eight containers or tanks of still smaller size, designed to contain other basic colors, for example "red color paste", "blue color paste", "orange color paste", "red titanate color paste", "yellow color paste", "black color paste", "yellow titanate color paste", and "green color paste".
- The structure then is completed by a dispensing head, schematically illustrated and indicated by 21, to be intended as equipped with a metering device connected to pipes drawing through their respective pumps in each of the containers or tanks numbered 1 to 20.

Implementation alternatives

- It is obvious that in other alternative forms of implementation but always within the concept of innovation subsumed under the example of implementation shown above and claimed hereunder, the method according to this invention may also be implemented with various and/or other basic components and coloring and additive agents, as well as materialized in devices including technical and mechanical equivalents, also equipped with other integrative devices and with configurations of their respective components however varied in a manner suitable for the purpose.

Advantages of the invention

- As is obvious from the preceding detailed description of a preferred example of implementation, the method according to this invention offers such advantages as correspond to the achievement of the predetermined objectives and still others: as a matter of fact, it integrates a feasible technology of simple implementation to drastically contain the need for assortment of the inventory held by retailers of varnishes, paints, and the like.

Scope of the protection requested

- Having thus described the method according to this invention with reference to a preferred form of implementation, it will be obvious to want to protect all possible forms of embodiment with variants of normal implementation for experts in the field, which forms will not modify the invention without diverging from the objectives expected of it; by this we intend, both in the preceding description and the following claims, to protect all forms of implementation and variants within the solution concept, in the spirit and objectives of the invention itself.

<u>CLÀIMS</u>

- Method of preparation of varnishes, paints and the like, characterized by the fact of including preparation, when required, of bases for guided dosage of their respective components and addition of dyes.
- 2) Method according to the first claim, characterized by the fact of including formulation on the part of retailers of mixtures and amalgams chromatically neutral or less diversified as to chemical and/or physical distinctive features, and/or of dosage of components apt to confer on the varnishes, paints and the like all the other characteristics and specificities of application and subsequent surface appearance with respect to chromaticity, by means of a handbook for combining, dosing, and mixing said components and their respective additives, as well as subsequent coloring to obtain the tints and shades in accordance with the Pantone instructions.
- Method according to the preceding claims, characterized by the fact of being implemented with basic components, coloring and addition of additives of any type in any assortment whatsoever.
- 4) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench equipped with tanks for the basic components and colors, as well as facilities for their corresponding dosage and mixing.
- 5) Method according to the preceding claims, characterized by the fact of being implemented by means of a sales mixing bench equipped with a variety of containers and tanks, and by metering means connected to pipes and pumps combined with said containers and tanks.
- 6) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench that is structured and sized suitably for the purpose.
- 7) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench including containers and tanks that are quantified, structured, and also reciprocally sized suitably for the purpose.
- 8) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench, including containers and tanks made of any material suitable for the purpose.

ROHM and HAAS—Method for the instant preparation of varnishes and paints [Italian] • 10

- 9) Method according to the preceding claims, characterized by the fact of being implemented by means of a mixing bench with metering dispensing means connected to pipes and pumps combined with containers and tanks of any type whatsoever suitable for the purpose and structured accordingly.
- 10) Method for the preparation of varnishes, paints and the like according to the preceding claims and substantially as described and illustrated with reference to the attached table of drawings as well as for the specified purposes.

p.p. Colorificio Adriatico s.r.l.

· The Agent

Attorney Gianluca Benedetti

February 23, 1998

A PROPERTY OF COLORIFICIO ADRIATICO (1) Demonitariuma (2) Demonitariuma (3) Demonitariuma (3) Demonitariuma (4) Demonitariuma (5) Demonitariuma (5) Demonitariuma (6) Demonitariuma (7) Demonitariuma (8) Demonitariuma (8) Demonitariuma (8) Demonitariuma (8) Demonitariuma (9) Demonitari		VETTO PER INV	ENZIONE INDUSTR	RIALE. DEPOSITO AI	SERVE, ANTICIPATA ACE	ESSL -		
DOCUMENTATION SPECIALI Continue Contin	A. PHOMESENTE (I)				• •			
2 Demonlacines Residence 8. RAPPRENTABLE DEL RICHEDEDITE PRESSO L'ULIA. 10. RAPPRENTABLE DEL RICHEDEDITE PRESSO L'ULIA. 10. SERVICO CARRESTO CARRESTO CON GENERALIZATO CON GE	1) Denaminazione					1		2187
Residence R. RAPPRENTATE DEL RICHEDENTE PEESS LULLEM. Despuée a surre: BENEDE TTI GIANLUCA COL RICHE BENEDE TTI GIANLUCA COL RICHE BENEDE TTI SERUNO BUOZZI A 53 cm² PESARO CD GRECITO GARDINO BUOZZI A 53 cm² PESARO CD GRECITO (pres) PS CD GRECITO CALTITYO destinationies CD COLLICIO ELETTITO destinationies CD COLLICIO ELETTITO destinationies CD COLLICIO ELETTITO DESTINATA ACCESSIBILITÀ ALL PUBBLICO: SI IO CONTROLLO ELETTITO DE PITTURE ANTICIPATA ACCESSIBILITÀ ALL PUBBLICO: SI IO SE SIMUÉE DATA OCCUMENTATIONE DESCRIT PROPRETÀ Recince a sequentizatione Spe di stroits RAMOVARIONI SPECIALI BOCLIMENTATIONE ALLEGATA N. e.e. DE: 2 FEO: a SEC. 12 nos Euroto con disegno principale, describione a rimanificationi (chi bigializio) i seconporti. De c. 1 PEES IN COLLINE DE SECONOMICA DE SECONOM	Residenza	61030 L	UCREZIA ((PS) VIA P	ILONE, 86	· cedice C	001501304	1700
B. REPPRENTANTE DEL RICHEDEDTT GIANLUCA congruence across BENDELECTI GIANLUCA descriptiones and of apperhensests is BRUNO BUOZZI a 63 gas PESARO cop 61100 (prest) PS C. DOURCIDO CETTIVO destinuturio to 1 cts cop (prest) ANTICED TO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE ANTICED BENDELECTI Cop (prest) ANTICED COP COPPER COPPE COPPER COPPE COPPER COPPER COPPE COPPE COPPE COPPE COPPE COPPE COPPE COPPE	2) Denominazione		•	•		•	•	41
CONTINUAL SAME PARTIES ARE CALLEDATA ROCUMENTATIONS SPECIALS BOCUMENTATIONS SPECIALS BOCUMENT	Senidones		_			cadice		. 71 !
CONTINUAL SAME PARTIES ARE CALLEDATA ROCUMENTATIONS SPECIALS BOCUMENTATIONS SPECIALS BOCUMENT								
STITULO DELETTIVO destinatario ANTICEPATA ACCESSIBILITÀ AL PUBBLICO: SI 10 E INVERTORIO DEL PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE ANTICEPATA ACCESSIBILITÀ AL PUBBLICO: SI 10 E INVERTORIO DEBCURATI Congruent rome 11 12 14 F. PRIDORITÀ Resince a segminizzazione Spe di s'rodia mannos di desandai data di depusibi SR Dain IN Protocolio Dain IN Protocolio CENTRED ABILITATO DI RACCOLTA COLTURE DI MICROGRAMISMI, denominazione M. ANNOVARIONI SPECIALI BOCLIMENTATIONE ALLEGATA M. 10 DOC. 13 15 16 17 18 BOCLIMENTATIONE ALLEGATA M. 19 BOCLIMENTATIONE ALLEGATA M. 29 BOCLIMENTATIONE ALLEGATA M. 20 BOCLIMENTATIONE ALLEGATA M. 29 BOCLIMENTATIONE ALLEGATA M. 20 BOCLIMENTATIONE BOCLIMENTATIONE BOCLIMENTATIONE BOCLIMENTATIONE BO						coal Security II	NDGLC54H	06L500C
The BRUNO BUOZZI a 63 chs PESARO cs 61100 (grey) PS c. DOSINCIDO RETITIVO destinaturios de 8.1 chs grapos subspicios de 8.1 chs grapos subspicios METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE ANTICEPATA ACCESSMENTÀ AL PUBBLICO: SI 100 SE ISTANCA DATA PPROTOCOLLO COMPRENDA ACCESSMENTÀ AL PUBBLICO: SI 100 SE ISTANCA DATA PPROTOCOLLO COMPRENDA ACCESSMENTÀ AL PUBBLICO: SI 100 SE ISTANCA DATA PPROTOCOLLO COMPRENDA ACCESSMENTÀ AL PUBBLICO: SI 100 SE ISTANCA DATA R. PROTORTA PROTORTA PROTOCOLLA R. PROTORTA PROTOCOLLO COMPRENDA R. PROTOCOLLO COMPRENDA					EDRINI E BE			
RETORD Clara proposal (seavised) supposed proposal proposal (seavised) supposed proposal proposal proposal (seavised) supposed proposal pr							· 🖛 6110	O (prest) PS
Commentations and an accessmental all publications of the process	C. DOMICIDO ELETT	IVO destinatarie						
METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE ANTICEPATA ACCESSIBRITÀ AL PUBRUCO: SI III SE STANTA DATA M'PROTOCULO COGNITURE DE INVESTORE DESCRIPTI COGNITURE DE INVESTORE DESCRIPTI COGNITURE DE INCOMPANIA DELLE DE L'A CONTURE DE INCOMPANIA DELLE DELL	via	.'		* a.t	cità .		COMP	(prov) ·
METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE ANTICEPATA ACCESSIBRITÀ AL PUBRUCO: SI III SE STANTA DATA M'PROTOCULO COGNITURE DE INVESTORE DESCRIPTI COGNITURE DE INVESTORE DESCRIPTI COGNITURE DE INCOMPANIA DELLE DE L'A CONTURE DE INCOMPANIA DELLE DELL	B. TITOLO		classo acceptate	(seeds and)	ermon militantuture			
ANTICIPATA ACCESSIBILITÀ AL PURRLICO: SI 10 SE ESTAGA: DATA IF PROTOCOLLO COGNINIO DESIGNATI CAGNINIO DESIGNATO RESERVE DATA IN CARRA DE CAGNINIO DE RECOGNINIO DE PROTOCOLLO DE PROTOCOLLO CAGNINIO DE CAGNINIO		PREPAR				e etrrusi	ē	
ENVENTORISE DESIGNATI THE CENTRAL ANNOTATIONS SPECIALS BOCUMENT A 2700MC ALLEGATA M. Sec. Dic. 1: 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 3 BT Meties of vicances are disegnoted to describione o remandizations (orbital steamporer). Dic. 4 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 5 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are of describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describioned by a property of the prope							•	
ENVENTORISE DESIGNATI THE CENTRAL ANNOTATIONS SPECIALS BOCUMENT A 2700MC ALLEGATA M. Sec. Dic. 1: 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 3 BT Meties of vicances are disegnoted to describione o remandizations (orbital steamporer). Dic. 4 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 5 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are of describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describioned by a property of the prope								
ENVENTORISE DESIGNATI THE CENTRAL ANNOTATIONS SPECIALS BOCUMENT A 2700MC ALLEGATA M. Sec. Dic. 1: 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 3 BT Meties of vicances are disegnoted to describione o remandizations (orbital steamporer). Dic. 4 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 5 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are of describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describioned by a property of the prope	•						•	
ENVENTORISE DESIGNATI THE CENTRAL ANNOTATIONS SPECIALS BOCUMENT A 2700MC ALLEGATA M. Sec. Dic. 1: 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 2 PRO: a sec. 1.2 nassignate con disegno afrecipione o remandizations (orbital steamporer). Dic. 3 BT Meties of vicances are disegnoted to describione o remandizations (orbital steamporer). Dic. 4 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 5 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are of describione or remandizations (orbital steamporer). Dic. 6 BT Meties of vicances are disegnoted to describioned by a property of the prope			LICO SI PO		es mauria, apra-		es paparanti a	
## PRINCENTA PRECIONE ALLEGATA M. ST. DOC: 2 PRO: a Doc. 12 nasturate on disease in the control of describing a fraction of describing a fraction of describing as the control of describin					DE IDIANEAL DATA	COGRAM	e neme	
P. PRIORITÀ PRECISITE O APPRINCEZZIONE TO DISTRICTATION RECORDATA C. CENTRIS ABRUTATO DI RACCIGLIA CONTURE DI MICRORGANISMI, denominazione M. ANNOTAZIONE SPECIALI BOCUMENTA ZIONE ALLEGATA M. Sec. Dici : 2 PRO: e 20, 12 nassiunto con disegno africipale, descrizione e rivandizzioni (orbigatorio i everapozza). Dic. 2 PRO: e 10, 10 descrizio descrizione in citate in descrizione i produce descrizione i produce descrizione d	9		-		a)		•	•
RECUMENTAZIONE ALLEDATA M. ANNOTAZIONE SPECIALI BOCUMENTAZIONE ALLEDATA M. SE. DO: 2 PRO: 10 CL 2 PRO: 10 CL 1 2 PRO: 10 C	23.				4			
PROCESSES & STATE ASSESSED TO THE PROCESSED ASSESSED AS A STATE OF THE CONTINUAL SHIP OF THE CONTINUAL SHIP OF THE CONTINUAL SHIP OF THE CONTINUAL SHIP ON	F. PRIORITÀ					•	SCHOOL MIEUMO E	HEERNE .
BOCUMENTAZIONE ALLEGATA M. ANNOTAZIONE SPECIALS BOCUMENTAZIONE ALLEGATA M. 18. BOCUMENTAZIONE ALLEGATA M. 18. Dic :: 2 1900: a 100, 12 assistata con disegno streipale describione e rheadilizationi (cebligalaria) a semprazza. Dic. 1 185 Intita of vicance and elementazione streipale describione e rheadilizationi (cebligalaria) a semprazza. Dic. 1 185 Intita of vicance and elementazione e streipale elementazione describione e rheadilizationi (cebligalaria) a semprazza. Dic. 1 185 Intita of vicance and elementazione elementazione e streipale. Dic. 2 1900 Dic. 3 1900 Dic. 4 1900 Dic. 5 1900 Dic. 5 1900 Dic. 5 1900 Dic. 6 1900 Dic. 7 1900 TRECENTOSESSANTACINQUEMILA COMPILATO R. FIRMA DEL 16 RICHIEDENTE RO DIC. 10 1900 Dic. 10 19	negione a arneri	zzazione	tpe di sriorita	sadao 4 A	smanda dala di decara	allegate,		
BOCUMENTATIONS ALLEGATA N. ST. DOC :: 2 FRO: a Doc, 12 nasturate con disigno stratignal, describions of headications (orbifoglands I enempiate). Doc, 1: 2 FRO: a 10: 01 describ rebitogram in claim of describing in electropism. Doc, 1: 1 Mi bits of vicance and electropism in describing in electropism. Doc, 1: 1 Mi bits of vicance and electropism in electropism. Doc, 1: 1 Mi describ electropism in electropism in electropism. Doc, 1: 1 Mi describ electropism in electropism in electropism. Doc, 2: 2 FRO: a 10: 01 describ electropism in electropism in electropism. Doc, 3: 40 describ electropism in electropism in electropism. Doc, 4: activation in electropism in electropism in electropism. Doc, 4: activation in electropism in electropism in electropism. Doc, 5: 40 describe electropism in electropism	_		.,		manual and an arthornia	**.		
BOCUMENTAZIONE ALLEGATA N. 87. DOC :: 2 PRO: a DOC 12 nasional con disease affections a chanalization to biligatoria 1 assemblaria. Doc :: 2 PRO: a DOC 12 nasional con disease affections a chanalization to biligatoria 1 assemblaria. Doc :: 1 BT Interest of content of the process generals. Doc :: 1 BT designation and relative to describine in Balance. Doc :: 1 BT designation and relative to the order of the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process of the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc :: 1 BT describine to the process generals. Doc ::	-				•	į		į
BOCUMENTA FROM ALLEGATA N. 91. Dic :: 2 PRO: a sec. 12 nasisure con disegno streipada describione e rhandizationi (orbidgalario I escreptura). Dic. 1 St. International processing of the p	-					•		
BOCUMENTAZIONE ALLEGATA N. 92. Dic :: 2	C. CENTRS ABILITA	IG DI RECCULTA	COLTURE DI MICRON	GAMISMI, denominacion	•			
BOCUMENTAZIONE ALLEDATA N. 91. Dic :: 2			:		•			
Dec. 2 PROD A DEC. 12 ASSEMBLE CONTINUAL BENCE DETAIL ON	H. ANNOTAZION SP	ECIALI .	-	•		÷		
Dec. 2 PROD A DEC. 12 ASSEMBLE CONTINUAL BENCE DETAIL ON					•	-		
Dec. 2 PROD A DEC. 12 ASSEMBLE CONTINUAL BENCE DETAIL ON	٠.	*		·				
Doc. 12 PROT A DOC. 12 PROTO A DOC. 12 PROTO A DOC. 12 PROTO PROTOCOME DE PROTOCOME								
Doc. 12 PROT A DOC. 12 PROTO A DOC. 12 PROTO A DOC. 12 PROTO PROTOCOME DE PROTOCOME				٠.				
Doc. 1: 2 PROT a DOC. 1.2 nasisurdo con disegno afretipada, descrizione e rivandizazioni (orbidgalario 1 escrapazioni). Doc. 1: 2 PROD n. 120. O.1 descrizio indiceptica se estate in descrizioni i escripiani. Doc. 1: 1 MT International procession of security in 1 escripiani. Doc. 2: 1 MT International procession of security in 1 escripiani. Doc. 3: 1 MT International procession of security in 1 escripiani. Doc. 4: 1 MT International procession of security in 1 escripiani. Doc. 5: 1 MT International procession of security in 1 escripiani. Doc. 6: 1 MT International observation of security in 1 escripiani. Doc. 7: International observation of security in 1 escriptiani. Doc. 8: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation of security in 1 escriptiani. Doc. 9: International observation observation observation in 1 escriptiani. Doc. 9: International observation observation in 1 escriptiani. Doc. 9: Internation observation observation observation in 1 escriptiani. Doc. 9: Internation observation observatio	BOCUMENTAZIONE A	LLEGATA			• • • • • • • • • • • • • • • • • • • •		COUNTY SHEWEN IN	normin.
Dec. 2: 2 PROP 121. O 1 designo inhibitations in claim of establishment of extensions. Dec. 1: 1 Mi		40					Deta Cara	N Protocello .
DOC. 1) NT INTERPOLATION OF THE PRINCIPLE OF THE PRINCIPL		,				etemprara).		
DOC 0 1 AS designations where the continues to Endarce. DOC 11 AS described and continues to Endarce. DOC 2, reviverire compined as included and included as in the continues to the continues		4 tsv. O1	disegno řebblige kes	s se citato in descrizioni, i	esemplers			4.
Doc. 51 AS desument de acroit con traductore in Balanco			lettera di moanco i zo	x. • a a upalimente buocen	r generale			
DOC. 4) AS A SPECIALISM SO SENSONS SOURCE CONTRIBUTE OF THE CONTRI	Dec 4) 1 as		de algrazione ense sto	KR			; ·	•
DOC. 4) EN A-POLIZZINTE E 180 dI CESSIONA DOC 7, FORVINTINE COMPRING AND	Doc. \$1 #5		_decument de popula	con traductore in Ballano			stås singo e prosits	•
DOC 7, CONTINUED CONTINUED CONTINUED ON PRINCIPLE OF TRECENTOSESSANTACINQUEMILA COMPILATO R. FIRMA DEL 10 RICHIEDENTE PU P. P. GIANLUCA BENEDETTI CONTINUE BONO NO	Doc. ij es		armittaine e 180	di cessione				•
19. PRESENT SE VENTOMENTA DELLI SE TRECENTOSESSANTACINQUENILA COMPILATO R. FIRMA DEL 10 RICHIEDENTE (N. D. D. D. GLANLUCA BENEDETTI CONTINUA SINO NO								::
COMPILATO B. FIRMA DEL 16 RICHIEDENTE (N P. P. GIANLUCA BENEDETTI CONTINUA BINO NO	I) Plesiali di versamento	tetairine · TF			MEMIT.A	. • •		1
CONTINUA BINO NO						HOA BRICE		obcligatoria
in the second se		2	rinma web (0) F	neurth at 6				
DEL PRESENTE ATTO SI BICHIEGE GOPIA AUTENTICA SINO ST	************	,			F. 150	musical s	ن د	
	DEL PAR SENTE ATTO !	A RICHIEGE COPIA	AUTENTICA SINO	2 T				
	UFFICIO PROVINCIALE	MD. COML ART.	-		NO :			rmfo 41
UFFICIO PROVINCIALE NO. COMM. ART. DI PESARO E URBINO : COMP. 41	PERMALE OF DEPOSITO	MUNICIPO DI DO	MANDA PS9	BA000005	Ren A			
PS9BACCOCOS				۷ سندر			FFB1	RRATO
VERMALE DI DEPOSITO MUNERO DI DOMANDA PS9RACIO 0005		Mesto (A to re-					Managed FCD1	24410
PERBALE DISPOSITO DISPOSITO DISPOSITO PER		versen få va (massa) (hinamano a me ecutato.	mo sa biaeracja gotineuty	correction of a logal ag	Egruppe, bez pa coucean	ene del brevetto soprar	ipartets
COGGO 4.1	(4 nenweens y) sopran	E DELT. GLARCIO M	OGANTE .	STITLE	U. C.		•	•
PERBALE DISPOSITO DISPOSITO DISPOSITO PER	. AMNOTAZIONI VARI			# N # * \$1 1/ # "	7.76			
COGGO 4.1	. AMNOTAZIONI VARI			37.40	57.57			
COGGO 4.1	ANNOTAZIOM VARI							
PSSRACOCOCS PSSRACOCOCOCS PSSRACOCOCS PSSRACOCOCOCS PSSRACOCOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCOCS PSSRACOCOCOCS PSSRACOCOCOCOCOCS PSSRACOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCO	. AMNOTAZIONI VARI							
COGGO 4.1	. AMNOTAZIONI VARI	PORTARTE				0 11	IFFICHEL BOOLING	

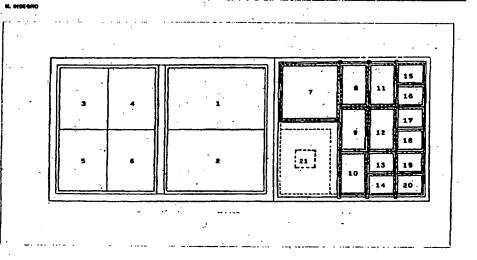
.•

|-

Ref:	H*. della domenda:	23
4 manual L DITTA	COLORIFICIO ADELATICO	प्रभावत्र्यक्र
	la di brevetta sapra manifasata dal titole: PEPARAZIONE ISTANTANE A	LI LI
L PITTURE	ESPARACIONE (STANIANE A	M VERNICI
designs cone leventore/i.	400 1	Captons sons
D tango e data:	4	/ 0
oucresa 13/02/11	PPP Emple	e richiefente e del rappressionales
il settescritte/i settescritti:	DICHIARAZIONE DI CONSENSO	
TIMECHIONNI PAC	010	**************************************
dichiara(no) di assare l'inventure/gil in Lungo a dicta:	eventori del trovata di cui alla domanda di bravetta sopra me	mzioenta.
Lucresia 18/02/1998	Firms Steller	und hards
	V	2 3 FEB. 1998
PS 9 8 / 1.0	00005	

	•		•	
MINERO DONANA PS98A00005	MEG. A	DATA DI DEPOSITO	23,,02,1998;	
NUMERO BREVETTO	4 · *	DATA DI FRASCIO	hadrat for	
A. INCHESCRITE (1)				
Bananinghas .	•			
Rediene			<u></u> .	
S, TITOLO	•. •			
t				
L				
Clause proposite (net/ct/scif) { ; ; s. saccessor(TO	(Customerated) 11	i		

METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE COMPRENDENTI APPRONTAMENTO ALL'OCCORRENZA DELLE BASI PER DOSAGGIO GUIDATA DEI RELATIVI COMPONENTI ED ADDIZIONAMENTO DI COLORANTI.



"LITICIO Bréveiti Pedrini & Senedetti Sudia Associata - Visia 8. Buozzi, 52 £8100 Pesara PS (22 5721/35965) C.P. a P. IVA 0930730411

PS08/ 000005

DESCRIZIONE

a corredo della domanda di brevetto per invenzione industriale avente ad oggetto e

TITOLO

METODO DI PREPARAZIONE ISTANTANEA DI VERNICI E PITTURE

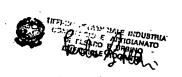
A nome della Ditta <u>Colorificio Adriatico S.r.l.</u>, Società a responsabilità limitata di diritto italiano, con sede in 61030 Lucrezia di Cartoceto, Provincia di Pesaro, alla Via Pilone n. 86, codice fiscale 00150130417, in persona del legale rappresentante Signor Paolo Marchionni;

- inventore designato Signor Paolo Marchionni, nato a Fano, Provincia di Pesaro, il 10 febbraio 1943, residente in 61032 Fano, Provincia di Pesaro, alla Via Caprera n. 14, codice fiscale MRC PLA 43B10 D488I;
- a mezzo mandatario Gianluca Benedetti, avvocato in Pesaro, con domicilio eletto in 61100 Pesaro alla Via Bruno Buozzi n. 63 presso l'Ufficio Brevetti Pedrini & Benedetti.

 Depositata in data 23 FEB. 1998 con n.

RIASSUNTO

- Metodo di preparazione istantanea di vernici e pitture comprendente approntamento all'occorrenza delle basi per dosaggio guidato dei relativi componenti ed addizionamento di coloranti.





DESCRIZIONE DETTAGLIATA

Ambito della tecnica

- Nella vendita al dettaglio di vernici, pitture e simili è già nota la tecnica di approntare all'occorrenza le' tinte e tonalità cromatiche richieste dal cliente, miscelando le debite quantità di colorazioni base sul dettato di pantoni che individuano visivamente la colorazione contingentemente voluta e vi associano i dosaggi per addivenire alla stessa;

- tale tecnica consente ai rivenditori assortimento senza gravar sul magazzino, con conseguenti vantaggi in termini di riduzione giacenze, spazi e quant'altro di intuitivo.

Individuazione dello specifico problema tecnico

- La testè individuata tecnica nota, però, allevia solamente il
fardello del magazzino in capo ai rivenditori, perchè le "basi"
di vernici e pitture, intese per tali le sostanze ed amalgame,
cromaticamente neutre o meno, diversificate per peculiarità
chimiche e/o fisiche e/o di dosaggio dei componenti, che
servono a dare al prodotto tutte le caratteristiche e
specificità di applicazione ed apparenza superficiale ulteriori
rispetto alla cromaticità, rimangono pursempre una
relativamente notevole pluralità, di tal che il rivenditore è
comunque costretto a detener idonea scorta di tutte le "basi",
ognuna nella relativa molteplicità di differenti confezioni per
quantitativo d'uso.



scopi del trovato

- Scopo principale del presente trovato è pertanto, nel quadro sopra fornito, quello di provvedere una tecnica atta ad ulteriormente limitare la necessità di assortimento delle scorte in capo ai rivenditori di vernici e pitture.
- Altro scopo del presente trovato è quello di conseguire lo scopo precedente attraverso una tecnica di facile e rapida attuazione.
- Altro scope ancora del presente trovato è quello di conseguire gli scopi precedenti attraverso una tecnica idonea ad essere adottata in quanto più possibile vasto ambito di applicazione, nonchè congegnale alle esigenze di polivalenza e modularità vieppiù vigenti nello specifico settore.
- Ulteriore scopo del presente trovato è quello di conseguire gli scopi precedenti con dispositivi di semplice attuazione.
- Ulteriore scopo ancora del presente trovato è quello di conseguire gli scopi precedenti attraverso una tecnica semplice ed efficace, di attuazione sicura con costi relativamente economici in considerazione dei risultati praticamente raggiunti.

... Estratto riassuntivo del concetto di soluzione

- Questi ed altri scopi ancora son tutti conseguiti con il metodo di preparazione istantanea di vernici e pitture, secondo il presente trovato, comprendente approntamento all'occorrenza



delle basi per dosaggio guidato dei relativi componenti ed addizionamento di coloranti.

Individuazione dei disegni allegati

- Ulteriori caratteristiche e vantaggi del metodo secondo il presente trovato appariranno maggiomente evidenti dalla descrizione dettagliata che segue di una sua forma di realizzazione preferita ma non esclusiva, riferita a solo titolo esemplificativo e non limitativo ad un dispositivo di relativa attuazione schematicamente illustrato nell'unica tavola di disegni allegata.

Descrizione dell'esempio di realizzazione

- Il metodo secondo il presente trovato contempla, in luogo dell'acquisizione e stoccaggio da parte dei rivenditori di basi per pitture e vernici preconfezionatamente approntate, nella relativamente notevole molteplicità per differenti qualità e caratteristiche nonche, all'interno di queste, per assortimento di confezioni di diverso quantitativo, la preparazione delle stesse basi da parte dei medesimi rivenditori;
- ai rivenditori vengono all'uopo forniti gli elementi costitutivi fondamentali delle basi, e relativi additivi, nella ridotta pluralità la cui differenziata combinazione e dosaggio origina sostanzialmente tutte le basi di usuale impiego e reperibilità commerciale, o comunque gran parte di esse;
- ai rivenditori viene altresì fornito prontuario di combinazione, dosaggio e miscelazione dei costituenti forniti e



relativi additivi, onde addivenire ai vari preparati di base per la costituzione delle pitture e vernici;

- alle quali basi, così contingentemente approntate alla bisogna, possono poi essere aggiunti i colori per addivenir alle tinte e sfumature richieste, come da istruzioni di pantone.
- Il metodo testè descritto può essere attuato con il dispositivo esemplificativamente rappresentato nell'unica tavola di disegni allagata:
- è ivi, in estrema sintesi schematica, illustrata la pianta di un bancone di vendita, su un fronte del quale operano gli addetti alla vendita, mentre sull'altro staziona la clientela;
- il bancone ingloba complessivamente numero venti recipienti o serbatoi, concettualmente suddivisibili in due gruppi, i primi sei per il contenimento delle basi ed i restanti quattordici additivi e paste coloranti, più in dettaglio:
- dimensioni maggiori, preferibilmente realizzati in vetroresina, destinati a contenere i costituenti di base di più frequente ed ampio impiego, per esempio "base neutra liscia" e "base neutra al quarzo";
- con i numeri da 3 a 6 sono poi indicati quattro recipienti o serbatoi di dimensioni inferiori, destinati a contenere altrettanti ulteriori costituenti di base, per esempio "carica



extender", "resina trasparente acrilica", "resina stirolo acrilica" e "vinil versatato".

- Passando al secondo gruppo di contenitori, con il numero 7 è indicato il maggiore dei recipienti o serbatoi di questo gruppo, destinato a contenere la colorazione fondamentale di più ampio impiego, ovvero "pastacolor bianco";
- con i numeri da 8 a 12 sono inoltre indicati altri quattro recipienti o serbatoi di dimensioni più ridotte, destinati a contenere il primo altra colorazione fondamentale di ampio impiego, ovvero "pastacolor giallo ocra", e gli altri quattro degli additivi, per esempio "silicato", "soluzione CR SB", "calce" ed "additivo silossanico";
- con i numeri da 13 a 20 sono infine indicati ultimi otto recipienti o serbatoi, di dimensioni ulteriormente più contenute, destinati ad ospitare ulteriori colorazioni fondamentali, per esempio "pastacolor rosso", "pastacolor blu", "pastacolor arancio", "pastacolor rosso titanato", "pastacolor giallo", pastacolor nero" "pastacolor giallo titanato" e "pastacolor verde".
- La struttura è poi completata da una testa di distribuzione, schematicamente illustrata ed indicata con 21, da intendersi dotata di dosatore collegato a tubazioni che pescano tramite rispettive pompe in ognumo dei contenitori o serbatoi numerati da 1 a 20.



Alternative di attuazione

- Ovvio che in ulteriori alternative forme di attuazione pursempre rientranti nel concetto di innovazione sotteso all'esempio di rualizzazione sopra illustrato e sotto rivendicato, il metodo secondo il presente trovato potrà esser attuato anche con componenti di base, colorazione ed additivizzazione diversi e/o ulteriori, nonchè materializzato in dispositivi comprendenti equivalenti tecnici e meccanici, anche corredati di ulteriori accorgimenti integrativi e con conformazioni dei relativi costituenti comunque variate in modo idoneo allo scopo.

Vantaggi del trovato

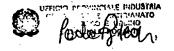
- Come appare evidente dalla descrizione dettagliata che precede di un preferito esempio di attuazione, il metodo secondo il presente trovato offre i vantaggi corrispondenti al conseguimento degli scopi prefissi ed altri ancora: esso integra infatti una fattiva tecnica di semplice attuazione per drasticamente contenere la necessità di assortimento delle scorte in capo ai rivenditori di vernici, pitture e simili.

Ambito della protezione invocata

Avendo così descritto il metodo secondo il presente trovato con riferimento ad una preferita forma di realizzazione, sarà ovvio voler proteggere tutte le possibili forme di esecuzione con varianti di normale attuazione per gli esperti del settore, le quali non vadano a modificare il



trovato senza uscire dagli scopi previsti dallo stesso; con ciò si intende, tanto nella descrizione che precede quanto nelle rivendicazioni che seguono, proteggere tutte le forme di attuazione e le varianti che rientrano nel concetto di soluzione, nello spirito e negli scopi del trovato medesimo.





PS98/000005

10

RIVENDICAZIONI

- Metodo di preparazione di vernici, pitture e simili, caratterizzato dal fatto di comprendere approntamento all'occorrenza delle basi per dosaggio guidato dei relativi componenti ed addizionamento di coloranti.
- 2) Metodo come da prima rivendicazione, caratterizzato dal fatto di comprendere costituzione da parte dei rivenditori delle miscele e amalgame cromaticamente neutre o meno diversificate per peculiarità chimiche e/o fisiche e/o di dosaggio dei componenti idonee a conferire a vernici pitture e simili tutte le caratteristiche e specificità di applicazione ed apparenza superficiale ulteriori rispetto alla cromaticità, tramite prontuario di combinazione, dosaggio e miscelazione dei detti costituenti e relativi additivi e successiva colorazione per addivenir a tinte e sfumature come da istruzioni di pantone.
- 3) Netodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato con componenti di base, colorazione ed additivizzazione di qualsiasi tipo in qualsivoglia assortimento.
- 4) Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato tramite banco miscelatore corredato di serbatoi per i componenti delle basi ed i colori nonche dei mezzi di relativo dosaggio e miscelazione.





- 5) Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato tramite banco miscelatore di vendita fornito di una pluralità di contenitori e serbatoi e da mezzi dosatori distributori collegati a tubazioni e mezzi di pompaggio associati a detti contenitori e serbatoi.
- 6) Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato tramite banco miscelatore comunque strutturato e dimensionato in modo idoneo allo scopo.
- 7) Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essare attuato tramite bancone miscelatore comprendente contenitori e serbatoi comunque quantificati, strutturati ed anche reciprocamente dimensionati in modo idoneo allo scopo.
- 8) Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato tramite bancone miscelatore comprendente contenitori e serbatoi realizzati in qualsiasi materiale idoneo allo scopo.
- Metodo come da rivendicazioni precedenti, caratterizzato dal fatto di essere attuato tramite bancone miscelatore con mezzi dosatori distributori collegati a tubazioni e mezzi di pompaggio associati a contenitori e serbatoi di qualsivoglia tipo idoneo allo scopo e comunque strutturati.



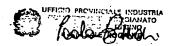
10) Metodo di preparazione di vernici, pitture e simili secondo le rivendicazioni precedenti e sostanzialmente come descritto ed illustrato anche con riferimento alla tavola di disegni allegata nonchè per gli scopi specificati.

p.p. Colorificio Adriatico S.r.l.

Il Mandatario

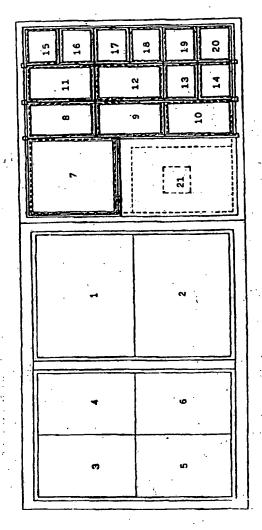
avv. Gianluca Benedetti
UFFICIO BREVETTI
PEDRINI A ECUTETTI

2 3 FEB. 1998

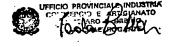


Statis Associate - Viole B. Bestal, 49 #519M Peace 25 (St 5221/2008) C.P. a P. IVA 000073041 TAVOLA 1

FIGURA



Ulfido Gravdd
Puddal & Brindelff
Puddal & Brindelff
Blic American - Yab A. Bond, B
19930 Party P. G. Collinea



PS987.000005